

Appl. No. 10/010,279
Amdt. Dated May 6, 2005
Reply to Office action of February 11, 2005
Attorney Docket No. P15252-US1
EUS/J/P/05-6087

REMARKS/ARGUMENTS

1.) Claim Amendments

The Applicant has amended Claims 1, 7, 16-19, 27 and 33. Applicant respectfully submits no new matter has been added. Accordingly, Claims 1-42 are pending in the application. Favorable reconsideration of the application is respectfully requested in view of the foregoing amendments and the following remarks.

2.) Claim Rejections – 35 U.S.C. § 102(e)

The Examiner rejected claims 1-42 under 35 U.S.C. § 102(e) as being anticipated by Ito, (US Pat. Application No. 2002/0116285 A1). The Applicant respectfully traverses the Examiner's rejection and has further amended the independent claims to more clearly and distinctly claim the subject matter which the Applicant considers as his invention. The Examiner's favorable reconsideration in view of the above amendments and the following remarks is respectfully requested.

The present invention discloses and claims a system wherein two different user devices are used for authenticating and providing a network transaction. As fully disclosed in the application, a user using an Internet access device, such as a personal computer (PC), may wish to execute a transaction over a first communication network (i.e. Internet). As an illustration, Fig. 3 of the present application illustrates a user requesting to purchase one book and three CDs for the purchase price of \$75.67. This is analogous to the "first information set" as claimed in independent Claim 1. This "first information set" is communicated over to the Internet access device over the first communication network (i.e. wireline communication network). In accordance with the teachings of the present invention, in order to obtain proper authorization regarding this pending transaction, the presently claimed invention then creates a "second information set" which is also associated with this transaction. This newly created "second information set" is then sent to a particular mobile terminal using a public land mobile network (PLMN). As further described in the present application, this mobile terminal is the "personal trusted device (PTD)" associated with that particular user. The mobile terminal in turn provides "authentication information" for the transaction over the PLMN.

Appl. No. 10/010,279
Amdt. Dated May 6, 2005
Reply to Office action of February 11, 2005
Attorney Docket No. P15252-US1
EUS/JP/05-6087

Further in accordance with the teachings of the present invention, in response to receiving such authentication information from the mobile terminal over the mobile network, the transaction over the first communication network to the Internet access device is then provided.

As an example of the present invention, a user requests to purchase certain items ("transaction") over the Internet using a personal computer connected to a wireline communication network. The user's mobile terminal then receives an authentication request ("second information set") from a particular server handling the requested transaction. The user then approves/authenticates the request over his mobile station. In response to receiving the authentication information from the mobile station over a mobile network, the server then provides the requested transaction to the user over the wireline communication network. By receiving the authentication from the user's trusted mobile station, the server is then able to authenticate and verify the "purchase" or "transaction" that is being requested over the Internet from that particular user.

The Applicant submits that such a "dual device" and "dual network" authentication process is not anticipated or rendered obvious by the Ito reference. As a matter of facts, Ito merely discloses a single mobile station communicating with a "vending server" and "network accounting server" to perform a purchasing transaction. More specifically, the Examiner's cited portions of Ito (paragraphs 34-45) disclose the steps of the mobile station making a purchase from a particular vending server over a public land mobile network (PLMN). In response, the vending server in Ito generates an invoice and such invoice data is then sent back over to the mobile station. After determining that the invoice data is correct, the user then causes the invoice information to be sent to the network accounting server. After recording the invoiced data, the network accounting server then provides the mobile station with receipt information, which is then forwarded by the mobile station to the vending server for confirmation. Accordingly, the Ito reference discloses a system wherein a single mobile station interacts with a vending server and a network accounting server for making a purchasing transaction over a public land mobile network (PLMN).

Appl. No. 10/010,279
Amdt. Dated May 6, 2005
Reply to Office action of February 11, 2005
Attorney Docket No. P15252-US1
EUS/JP/05-8087

However, the Applicant respectfully submits that there is nothing in Ito that discloses or rendered obvious the following steps of:

presenting a first information set to a user through an Internet access device, the first information set being associated with the transaction and communicated to said Internet access device over a first communication network;

creating a coupling between the first information set and a second information set, wherein the second information set is also associated with the transaction;

presenting the second information set to the user and requesting authorization of the transaction at a mobile terminal using a public land mobile network (PLMN); and

receiving authorization information for the transaction from the mobile terminal over the PLMN wherein in response to said authorization, providing said transaction to said user using said Internet access device over said first communication network.

The Applicant respectfully submits that none of these steps are disclosed or taught by the Ito reference. For example, nothing in the Ito reference discloses a "first information set" communicated over to an Internet access device over a first communication network. Moreover, nothing in the Ito reference discloses or teaches the step of creating a coupling between the first information set and a second information set wherein both first and second information sets are associated with a particular transaction. Additionally, nothing in the Ito reference discloses or teaches the step of presenting the second information set to a mobile terminal over a public land mobile network. Lastly, the Ito reference fails to disclose or teach the step of providing the transaction to the user using the internet access device in response to receiving the authorization from the mobile terminal.

The Applicant therefore earnestly believes independent Claim 1 and its dependent Claims 2-6 are patentable over the cited references.

The Examiner further rejected all other pending independent claims stating that they were being "rejected under the same rationale set forth above to Claim 1." As a result, at least for the reasons as set forth above for independent Claim 1, the Applicant

Appl. No. 10/010,279
Amdt. Dated May 6, 2005
Reply to Office action of February 11, 2005
Attorney Docket No. P15252-US1
EUS/JIP/05-6087

respectfully submits that all remaining independent Claims and their respective dependent Claims are now in condition for allowance as well.

The Examiner's favorable reconsideration of the amended claims is respectfully requested.

3.) Prior Art Not Relied Upon

In paragraph 3 of the Office Action, the Examiner stated that the prior art made of record and not relied upon is considered pertinent to the Applicant's disclosure.

Appl. No. 10/010,279
Amdt. Dated May 6, 2005
Reply to Office action of February 11, 2005
Attorney Docket No. P15252-US1
EUS/J/P/05-6087

CONCLUSION

In view of the foregoing remarks, the Applicant believes all of the claims currently pending in the Application to be in a condition for allowance. The Applicant, therefore, respectfully requests that the Examiner withdraw all rejections and issue a Notice of Allowance for all pending claims.

The Applicant requests a telephonic interview if the Examiner has any questions or requires any additional information that would further or expedite the prosecution of the Application.

Respectfully submitted,



By John O. Han
Registration No. 41,403

Date: May 6, 2005

Ericsson Inc.
6300 Legacy Drive, M/S EVR 1-C-11
Plano, Texas 75024

(972) 583-7686
john.han@ericsson.com